

ABSTRACT

A modular welding system for performing quick, easy and high quality welds. The modular welding system comprises a basic component system and a modular fixture component system. The basic component system provides the basic components which are needed to perform a quality weld efficiently. The modular fixture component system interfaces with the basic component system and provides a particular welding fixture assembly that performs a particular type of weld. More particularly, a stiffener type modular fixture component system and a butt/tee type modular fixture system are described. However, any other particular fixture type system may be integrated with the basic component system of the present invention.